

“ ”

Speech mark

Write down 8 sentences which include something that each of these famous people might say or have said.

e.g. Ronaldo picked up the football and said, "I'll take the free kick!"

Roald Dahl, David Walliams, The Queen, Katy Perry, David Beckham, Donald Trump, JK Rowling, King Henry VIII. [Email me it to see!](#)

Question Marks



Make a list of 10 questions that you would like to ask a famous person from history.

Make sure that you begin each of your sentences with a capital letter and finish them with a question mark.

Maybe you could then research some information about this person and see if you can answer your own questions.

[Email me it to see!](#)

Paragraphs



Take a photograph of something special. It could be a precious object, pet or family member or something you see when you are outside.

Try to describe the special thing in the photograph in a series of paragraphs using amazing descriptive words and phrases.

[I would love to read this!](#)

Amazing Fact file

Non-fiction writing:
Create a fact file about either a country you would like to visit or make up a new imaginary country.

You could include:

- The flag
- Physical features
- Food associated with the country
- Famous people or places
- Animals found in the country
- Interesting facts!
- Photos

Don't forget a title and subheadings.

[Email me it to see!](#)

Come to Budapest!



Treasure Hunt Game

Design a treasure hunt challenge for members of your family.

Hide an object in the house or garden and write clues to help your family to locate the object.

Can they solve your clues to find the treasure?



Design and make your own children's comic.

It could be for your age group or for a younger brother or sister. It might be about a subject that interests you e.g. football, dogs, Science, Minecraft, Disney characters, or about a particular cartoon or game character.

It would be good to include some comic strip stories like the one above using pictures and speech bubbles.

It could include puzzles, quizzes, recipes or interest pages. It could have pages about famous popstars or footballers or contain things like make-up tips or clothes suggestions.



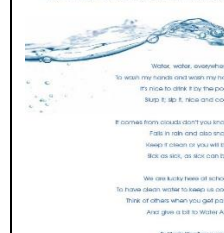
Write your own play script.

Write a play for members of your family to act out.

It could be based on a traditional fairy story or your own tale with a moral at the end.

Remember to write on each line what a character says next to their name and to write stage directions in brackets.

WATER, WATER, EVERYWHERE



Write your own poem on a water related theme. It could be about the rain, a stream, the ocean, the seaside or a pond in your garden.



Maybe you walk or live near a stream which you can use for inspiration.

Maybe you could listen to Handel's Water Music as an inspiration.

Maybe you could write an acrostic poem with each line starting with a letter from the word e.g. WATER, MEANDERING RIVER, WATERFALL. Etc.

Don't forget that poems don't have to rhyme!

[Email it to me! I would love to read it!](#)

<p><u>Entertain the family!</u> Make a jokebook to entertain your family or friends and email it to them to cheer them up.</p> <p><u>What day of the week are most twins born? Twos-day!</u> Email them for me to see!</p>	<p><u>Story time Challenge!</u> Read the story – Tom and the Sea Caves by Ruth Merttens on Hamilton Player- Hamilton Trust. Write your own story about an adventure in a sea cave where you enter in during one time period and come out the other side in a different time period. Can't wait to read your exciting story!</p>	<p> <u>Phone Challenge</u> Phone 2 friends or relatives and tell them about what you have been doing.</p>	<p> <u>Puppet Challenge</u> Make some simple puppets from old socks, paper plates or out of paper and then perform your own play.</p>

See Maths and topic grids below.

Maths Home Learning Grid



Time Challenges

Use a timer on a phone to time yourself doing 10 simple activities.
e.g. going up and down stairs, cleaning your teeth etc.
Now put your times in order from the shortest time to the longest time.
Can you find the difference between some of your times? How many seconds or minutes difference is there?



The Mystery of The Missing Shield

Fractions work
Work out the answers to the fraction questions to solve the mystery.
Use the booklet attached to the email or on the website for this work.
Let me know who you suspect!



Adding weights and measures

This term we would be thinking about adding weights and measures.
Ask your Mum or Dad if you can look at shopping items from the cupboard.
Add up the weights from the packaging using column addition sums.

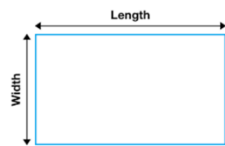
$$\begin{array}{r} \text{e.g. } 45\text{g} \\ +80\text{g} \\ 60\text{g} \\ \hline 185\text{g} \end{array}$$



Symmetrical pictures

Make some 3D symmetrical models using Lego bricks or flowers or household objects etc. and then decide how many lines of symmetry each picture has.
Can you make a symmetrical model or picture with more than two lines of symmetry?
Take photos of your pictures. I would love to see them.

Area Challenges!



Practical Measuring activities

Area = width x length
Use your times tables knowledge to help you to find the area of small flat surfaces. Measure the width and the length and then multiply these together to find the area. Record these in a simple chart.

[Times Tables Practice!](#)

Sweets in a Box Challenge

A sweet manufacturer has decided to design some gift boxes for a new kind of sweet. Each box is to contain 36 sweets placed in lines in a single layer in a geometric shape without gaps or fillers.

How many different shaped boxes can you design?

The sweets come in 4 colours, 9 of each colour. Arrange the sweets so that no sweets of the same colour are adjacent to (that is 'next to') each other in any direction. In the picture below, none of



Money Challenge!

Practise adding amounts of money.
Use a shopping bill or a supermarket online list to find the cost of groups of two or three items using column addition.

$$\begin{array}{r} \text{e.g. } \pounds 3.45 \\ + \pounds 4.65 \\ \hline \pounds 8.10 \end{array}$$

Position, Direction and Movement Work



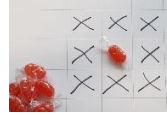
Find a person to work with. Let them choose an object in another part of the room or garden. Can you give them directions to get to the object using positional language. Use words like forward 2 steps, quarter turn clockwise, left, right, stop.
Can you safely get them to the object?

[Learn Roman Numerals](#)

Keep practising your times tables using Times Tables Rockstars, Hit the Button Game or the Times Tables Grids.

Work hard! You can do it!

the squares marked x can have a red sweet in them.



Sticks

Collect a number of sticks or use cocktail sticks, pencils or straws. The investigation is to find the maximum number of intersections [crossing points] as the sticks cross. See the sheet attached to this email or the sheet on the website.

Practise reading and writing Roman Numerals.

Roman numerals are found on all sorts of objects and are used in lots of different situations. It is also a target that children in KS2 know Roman Numerals, so if you can learn how to read and write Roman Numerals to at least a 100 now, that would be great!

XXV

Topic Home Learning Grid

Music

Listen to part of Handel's Water Music on You Tube and write down how it makes you feel. You could also paint a picture of how it makes you feel.



Science Challenge!

Walking Water Science Experiment

Make water walk from one cup to another! This is a fun and easy children's science experiment playing with water and colour. Watch the water walk and the colours combine! See attached info.

Science Challenge!

Build a bridge out of spaghetti to hold a bag of sugar!
Can you build a bridge out of spaghetti to hold a bag of sugar? Have a look at these 2 You Tube videos if you want some ideas.

Educational Activities for kids: Spaghetti Bridges for kids – James Dyson Foundation
Making a Spaghetti Bridge and Testing It! StructurePlanet
Email a photo!



Computing



Ask your Mum and Dad to help you to make your own Power Point about a creature that lives in water. It could be a sea creature or a creature that lives in freshwater. Can they help you to add on some sound effects or other special effects.

Email me your work. I'd love to see it!

Science Challenge!

Make an insect hotel.

Follow the instructions to make your own insect hotel for the garden. Email me a photo of your work. I would love to see it! See attached info.

Science/PSHE/PE

Floating Egg Science Experiment

The floating egg science experiment is simple and easy to do. Find out how to make an egg float using items hanging around in the kitchen cupboards. See attached info.

Geography Challenge!



Do you know anything about waterfalls? Mrs Armstrong has visited the Krimmel Waterfalls, but where in the world are they? Can you find out? Can you find out where the following waterfalls are –

DT/ Science Challenge!



Can you make your own mini waterfall? You could make it in the garden or you could do it in a bowl or pot inside.



Victoria Falls, Yosemite Falls, Cautley Sprout, Gullfoss Falls, Niagra Falls, Angel Falls, Tugela Falls, Iguazu Falls.
 Maybe you could watch on You Tube [Indigo Planet – 10 most amazing waterfalls in the world.](#)
 Then you could research some information about some of these waterfalls.

Can you make it so that the water runs?
[Email it for me to see!](#)

Art

Look at the work of the artist Monet. A selection of his most famous pictures are called Water Lilies and were painted in his garden in Giverny France.

Can you paint a picture of one part of your garden which you love.



[Email it for me to see!](#)

P.E.

Imagine that you are a fitness instructor. Design your own fitness session and teach it to your family.



History Challenge!

Find out about Isambard Kingdom Brunel.
 What is he famous for?
 Where did he live?
 When did he live?



[Email it for me to see!](#)

R.E



This term our RE work is about prayers. Write your own pray for your family, for NHS workers, to give thanks, for the world. Write it about something that is important to you and decorate it!

[Email it for me to see!](#)

Floating Egg Science Experiment

The floating egg science experiment is simple and easy to do. Find out how to make an egg float using items hanging around in the kitchen cupboards.

You will need:

3 x Eggs

3 x Tall drinking glasses

1 x Jug of water

Table Salt

Measuring spoon

Method:

- Half fill each glass with water.
- Leave the first glass of water as it is. Put 2 tablespoons of salt in the second glass and 4tbsp in the third glass.
- Give the salty water a good stir.
- Carefully lower each egg into each glass. What has happened to each egg?

The Science Bit...

That's right! Whilst the egg in the glass of water containing no salt sinks to the bottom, the ones with salt in float! In fact, the one with more salt in is likely to be at the top of the glass, whilst the one with slightly less salt is floating about midway. But how? Density, that's how! What exactly is density I hear you ask? Great question!!



Density refers to the amount of molecules that are taking up a specific area. Imagine two rooms, one has 20 people in, whereas the other has none and is empty. This means that one room has a higher density than the other.

But what if we now put 40 people now into the empty room? The empty room has now become more dense than the room with 20 people as there are more bodies (or molecules) filling that space!

This explains our experiment, the water without salt in is the empty room and the egg is the full room. By adding salt into the water we are increasing the molecules in that area. If we add enough salt we have made the water denser than the egg and so the egg floats!!!

Cool stuff right?



Photo from edugeography.com

Did you know

Near Israel there is a lake called the Dead Sea which contains so much salt that people travel from all over to float around in it. Do a quick search on google and see if there are any more salt lakes in the world that are similar.

Experiment even more...

Now you have learnt all about density the fun really begins.

- Put the egg in the water without salt first, then slowly pour salt into the cup and watch the egg rise!
- Alter the volume of water, the amount of salt and use different objects.
- Test what objects float without using any salt at all – Don't forget to check with an adult first before putting household objects in water.

Walking Water Science Experiment

Make water walk from one cup to another! This is a fun and easy children's science experiment playing with water and colour. Watch the water walk and the colours combine!



You will need:

1 x Roll of Paper Kitchen Towel

7 x Plastic cups or containers

2 or 3 assorted food colouring

1 x Jug of water

Method:



- Place all your cups in a line. Using your jug of water carefully fill every other cup. The cups on the outside do not need to be as full as the ones on the inside.
- Add a few drops of food colouring to the cups filled with water and stir – These can be any colours you like.
- Tear off one piece of kitchen towel, fold it in half, then fold it in half again.
- Bend this kitchen towel so that one end is in one cup, and the other end is in the other cup. Do this for every cup.
- Leave for approximately two hours and let the magic happen.



The Science Bit:

The water has been absorbed by the kitchen towel and used the towel to get from one cup to another by capillary action. Take a look, what has happened to your empty cups? As this has happened the different colours have mixed so not only has the water walked but it has created some cool colours.

Experiment even more...

Use different colours and see if you can guess what colours this might create?

...Or make a few simple changes to the experiment and see if this makes it harder or easier for the water to walk.

- Use a thicker or thinner type of kitchen towel, or maybe a different material altogether.
- Wet the towel before putting into the cup.
- Replace the water with cooking oil.

Roman Numeral Table

1 I	14 XIV	27 XXVII	150 CL
2 II	15 XV	28 XXVIII	200 CC
3 III	16 XVI	29 XXIX	300 CCC
4 IV	17 XVII	30 XXX	400 CD
5 V	18 XVIII	31 XXXI	500 D
6 VI	19 XIX	40 XL	600 DC
7 VII	20 XX	50 L	700 DCC
8 VIII	21 XXI	60 LX	800 DCCC
9 IX	22 XXII	70 LXX	900 CM
10 X	23 XXIII	80 LXXX	1000 M
11 XI	24 XXIV	90 XC	1600 MDC
12 XII	25 XXV	100 C	1700 MDCC
13 XIII	26 XXVI	101 CI	1900 MCM



How to make an insect hotel



wildlife
watch



the express way!

What you need:



- hollow plant stems, like bamboo canes



- twigs and sticks



- string

- 1 Collect handfuls of stems, twigs and sticks.
- 2 Tie the bundles quite tightly in two places.
- 3 Post into a hedge/bush or hang in a sheltered place.

the deluxe way!

What you need:



- Small logs or untreated timber



- hollow plant stems, like bamboo canes



- twigs and sticks

An adult to help with tools:



- woodsaw



- nails and hammer or screwdriver and wood screws



- drill and 5mm wood bit



- 1 Make a wooden frame, fixing the wood with screws or nails.
- 2 Fill the frame with stems, twigs and sticks.
- 3 Fix a wire loop to the back of the frame and hang somewhere sheltered.



Illustration: Corinne Wink © Copyright Royal Society of Wildlife Trusts 2015

